820 Payment Order/Remittance Advice

Functional Group ID=RA

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Notes:

1. This standard is the accepted Treasury convention for the Intra-governmental Payment and Collection (IPAC) system. The transaction set is used by Federal Agencies to make a payment and send a remittance advice.

2. IPAC special processing instructions are provided.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
6	010	ST	Transaction Set Header	M	1		
7	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	>1		
10	035	TRN	Trace	O	1		c1
Not Used	040	CUR	Currency	O	1		c2
11	050	REF	Reference Numbers	O	>1		
12	060	DTM	Date/Time Reference	O	>1		
			LOOP ID - N1			>1	
13	070	N1	Name	O	1		c3
Not Used	080	N2	Additional Name Information	O	>1		
Not Used	090	N3	Address Information	O	>1		
Not Used	100	N4	Geographic Location	O	1		
15	110	REF	Reference Numbers	O	>1		
16	120	PER	Administrative Communications Contact	O	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - ENT			>1	

18	010	ENT	Entity	O	1		n1, c4
			LOOP ID - N1			>1	
Not Used	020	N1	Name	O	1		c5
Not Used	030	N2	Additional Name Information	O	>1		
Not Used	040	N3	Address Information	O	>1		
Not Used	050	N4	Geographic Location	O	1		
Not Used	060	REF	Reference Numbers	O	>1		
Not Used	070	PER	Administrative Communications Contact	O	>1		
			LOOP ID - ADX			>1	
Not Used	080	ADX	Adjustment	O	1		c6
Not Used	090	NTE	Note/Special Instruction	O	>1		
Not Used	100	PER	Administrative Communications Contact	O	>1		
Not Used	105	DTM	Date/Time Reference	O	1		
			LOOP ID - REF			>1	
Not Used	110	REF	Reference Numbers	O	1		
Not Used	120	DTM	Date/Time Reference	O	>1		
			LOOP ID - IT1			>1	
Not Used	130	IT1	Baseline Item Data (Invoice)	O	1		c7
			LOOP ID - REF			>1	
Not Used	140	REF	Reference Numbers	O	1		
Not Used	141	DTM	Date/Time Reference	O	1		
			LOOP ID - SAC			>1	
Not Used	142	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	143	TXI	Tax Information	O	>1		
			LOOP ID - SLN			>1	
Not Used	144	SLN	Subline Item Detail	O	1		
			LOOP ID - REF			>1	
Not Used	145	REF	Reference Numbers	O	1		
Not Used	146	DTM	Date/Time Reference	O	>1		
			LOOP ID - SAC			>1	
Not Used	147	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	148	TXI	Tax Information	O	>1		
			LOOP ID - RMR			>1	
20	150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		c8
Not Used	160	NTE	Note/Special Instruction	O	>1		
22	170	REF	Reference Numbers	O	>1		
24	180	DTM	Date/Time Reference	O	>1		
			LOOP ID - IT1			>1	
25	190	IT1	Baseline Item Data (Invoice)	O	1		c9
			LOOP ID - REF			>1	
Not Used	200	REF	Reference Numbers	O	1		
Not Used	201	DTM	Date/Time Reference	O	1		

			LOOP ID - SAC			>1	
28	202	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	203	TXI	Tax Information	O	>1		
			LOOP ID - SLN			>1	
30	204	SLN	Subline Item Detail	O	1		
			LOOP ID - REF			>1	
Not Used	205	REF	Reference Numbers	O	1		
Not Used	206	DTM	Date/Time Reference	O	>1		
			LOOP ID - SAC			>1	
33	207	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	208	TXI	Tax Information	O	>1		
			LOOP ID - ADX			>1	
35	210	ADX	Adjustment	O	1		c10
Not Used	220	NTE	Note/Special Instruction	O	>1		
36	230	PER	Administrative Communications Contact	O	>1		
			LOOP ID - REF			>1	
Not Used	240	REF	Reference Numbers	O	1		
Not Used	250	DTM	Date/Time Reference	O	>1		
			LOOP ID - IT1			>1	
Not Used	260	IT1	Baseline Item Data (Invoice)	O	1		c11
			LOOP ID - REF			>1	
Not Used	270	REF	Reference Numbers	O	1		
Not Used	271	DTM	Date/Time Reference	O	1		
			LOOP ID - SAC			>1	
Not Used	272	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	273	TXI	Tax Information	O	>1		
			LOOP ID - SLN			>1	
Not Used	274	SLN	Subline Item Detail	O	1		
			LOOP ID - REF			>1	
Not Used	275	REF	Reference Numbers	O	1		
Not Used	276	DTM	Date/Time Reference	O	>1		
			LOOP ID - SAC			>1	
Not Used	277	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	278	TXI	Tax Information	O	>1		
			LOOP ID - TXP			>1	
Not Used	280	TXP	Tax Payment	O	1		n2
Not Used	285	TXI	Tax Information	O	>1		
			LOOP ID - DED			>1	
Not Used	287	DED	Deductions	O	1		n3
			LOOP ID - LX			>1	

Not Used	290	LX	Assigned Number	O	1		n4
Not Used	295	REF	Reference Numbers	O	>1		
Not Used	300	TRN	Trace	O	>1		
			LOOP ID - NM1			>1	
Not Used	305	NM1	Individual or Organizational Name	O	1		
Not Used	310	REF	Reference Numbers	O	>1		
Not Used	315	G53	Maintenance Type	O	1		
			LOOP ID - AIN			>1	
Not Used	320	AIN	Income	O	1		
Not Used	325	QTY	Quantity	O	>1		
Not Used	330	DTP	Date or Time or Period	O	>1		
			LOOP ID - PEN			>1	
Not Used	335	PEN	Pension Information	O	1		
Not Used	340	AMT	Monetary Amount	O	>1		
Not Used	345	DTP	Date or Time or Period	O	>1		
			LOOP ID - INV			>1	
Not Used	350	INV	Investment Vehicle Selection	O	1		
Not Used	355	DTP	Date or Time or Period	O	>1		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
38	010	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The ENT loop is for vendor payments.
2. The TXP loop is for tax payments.
3. The DED loop is for child support payments.
4. The LX loop is for pension payments.

Transaction Set Comments

1. The TRN segment is used to uniquely identify a payment order/remittance advice.
2. The CUR segment does not initiate a foreign exchange transaction.
3. The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
4. ENT09 may contain the payee's accounts receivable customer number.
5. Allowing the N1 segment to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).
6. This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
7. Loop IT1 within the ADX loop is the adjustment line item detail loop.
8. Loop RMR is for open items being referenced or for payment on account.
9. Loop IT1 within the RMR loop is the remittance line item detail loop.
10. This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately

preceding RMR, use the outer ADX loop (position 080).

11.   Loop IT1 within the ADX loop is the adjustment line item detail loop.

Segment:	**ST** **Transaction Set Header**		
Position:	010		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the start of a transaction set and to assign a control number		
Syntax Notes:			
Semantic Notes:	1	The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**

Code uniquely identifying a Transaction Set

    820   X12.4 Payment Order/Remittance Advice

	Ref. Des.	Data Element	Name	Attributes
M	ST02	329	**Transaction Set Control Number**	**M AN 4/9**

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Use to transmit a unique number assigned by the originator of the transaction set. This number may be system generated. This same number will be cited in SE02.

Segment:	**BPR** Beginning Segment for Payment Order/Remittance Advice	
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	(1) To indicate the beginning of a PaymentOrder/Remittance Advice Transaction Set and total payment amount or (2) to enable related transfer of funds and/or information from payer to payee to occur	
Syntax Notes:	1	If either BPR06 or BPR07 is present, then the other is required.
	2	If BPR08 is present, then BPR09 is required.
	3	If either BPR12 or BPR13 is present, then the other is required.
	4	If BPR14 is present, then BPR15 is required.
	5	If either BPR18 or BPR19 is present, then the other is required.
	6	If BPR20 is present, then BPR21 is required.
Semantic Notes:	1	BPR02 specifies the payment amount.
	2	When using this transaction set to initiate a payment, BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used. BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
	3	BPR08 is a code identifying the type of bank account or other financial asset.
	4	BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
	5	BPR14 is a code identifying the type of bank account or other financial asset.
	6	BPR15 is the account number of the receiving company to be debited or credited with the payment order.
	7	BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).
	8	BPR17 is a code identifying the business reason for this payment.
	9	BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.
	10	BPR20 is a code identifying the type of bank account or other financial asset.
Comments:	1	BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**BPR01**	**305**	**Transaction Handling Code**	**M ID 1/2**
			Code designating the action to be taken by all parties	
			C Payment Accompanies Remittance Advice	
M	**BPR02**	**782**	**Monetary Amount**	**M R 1/15**
			Monetary amount	
M	**BPR03**	**478**	**Credit/Debit Flag Code**	**M ID 1/1**
			Code indicating whether amount is a credit or debit	

			C	Credit		
				Credit to the receiver's account.		
M	BPR04	591	**Payment Method Code**		M	ID 3/3
			Code identifying the method for the movement of payment instructions			
			BKW	Book Entry		
				Use to indicate IPAC activity.		
Not Used	BPR05	812	**Payment Format Code**		O	ID 1/10
			Code identifying the payment format to be used			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	BPR06	506	**(DFI) ID Number Qualifier**		X	ID 2/2
			Code identifying the type of identification number of Depository Financial Institution (DFI)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	BPR07	507	**(DFI) Identification Number**		X	AN 3/12
			Depository Financial Institution (DFI) identification number			
Not Used	BPR08	569	**Account Number Qualifier**		O	ID 1/3
			Code indicating the type of account			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	BPR09	508	**Account Number**		X	AN 1/35
			Account number assigned			
Not Used	BPR10	509	**Originating Company Identifier**		O	AN 10/10
			A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9			
Not Used	BPR11	510	**Originating Company Supplemental Code**		O	AN 9/9
			A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions			
Not Used	BPR12	506	**(DFI) ID Number Qualifier**		X	ID 2/2
			Code identifying the type of identification number of Depository Financial Institution (DFI)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	BPR13	507	**(DFI) Identification Number**		X	AN 3/12
			Depository Financial Institution (DFI) identification number			
Not Used	BPR14	569	**Account Number Qualifier**		O	ID 1/3
			Code indicating the type of account			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	BPR15	508	**Account Number**		X	AN 1/35
			Account number assigned			

| Not Used | BPR16 | 373 | **Date** | **O** | **DT 6/6** |

Date (YYMMDD)

| Not Used | BPR17 | 1048 | **Business Function Code** | **O** | **ID 1/3** |

Code identifying the business reason for this payment

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | BPR18 | 506 | **(DFI) ID Number Qualifier** | **X** | **ID 2/2** |

Code identifying the type of identification number of Depository Financial Institution (DFI)

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | BPR19 | 507 | **(DFI) Identification Number** | **X** | **AN 3/12** |

Depository Financial Institution (DFI) identification number

| Not Used | BPR20 | 569 | **Account Number Qualifier** | **O** | **ID 1/3** |

Code indicating the type of account

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | BPR21 | 508 | **Account Number** | **X** | **AN 1/35** |

Account number assigned

Segment:	**TRN** Trace	
Position:	035	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To uniquely identify a transaction to an application	
Syntax Notes:		
Semantic Notes:	**1** TRN02 provides unique identification for the transaction.	
	2 TRN03 identifies an organization.	
	3 TRN04 identifies a further subdivision within the organization.	
Comments:		
Notes:	*The TRN segment is required for IPAC processing.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	TRN01	481	**Trace Type Code**	**M ID 1/2**

Code identifying which transaction is being referenced

    1   Current Transaction Trace Numbers

M	TRN02	127	**Reference Number**	**M AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. This reference number identifies the disbursement voucher number.

2. This data element matches the Obligating Document Number in the On-line system and is limited to 17 positions.

	TRN03	509	**Originating Company Identifier**	**O AN 10/10**

A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9

	TRN04	127	**Reference Number**	**O AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Segment:	**REF** Reference Numbers	
Position:	050	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying numbers.	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
Semantic Notes:		
Comments:		
Notes:	*1. THIS DATA WILL BE SUPPLIED BY IPAC.*	
	2. IPAC will provide a document reference number (REF01 = ZZ) for each payment transaction.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**REF01**	**128**	**Reference Number Qualifier**	**M ID 2/2**
			Code qualifying the Reference Number.	
			ZZ Mutually Defined	
			Use to indicate the IPAC document reference number.	
Must Use	**REF02**	**127**	**Reference Number**	**X AN 1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			This number will be provided by IPAC.	
Not Used	**REF03**	**352**	**Description**	**X AN 1/80**
			A free-form description to clarify the related data elements and their content	

Segment:	**DTM** Date/Time Reference	
Position:	060	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	**1** At least one of DTM02 DTM03 or DTM06 is required.	
	2 If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*This data will be supplied by IPAC and will be used for both the accomplished date and the accounting date.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**DTM01**	**374**	**Date/Time Qualifier**	**M ID 3/3**
			Code specifying type of date or time, or both date and time	
			009 Process	
Must Use	**DTM02**	**373**	**Date**	**X DT 6/6**
			Date (YYMMDD)	
Must Use	**DTM03**	**337**	**Time**	**X TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	**DTM04**	**623**	**Time Code**	**O ID 2/2**
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Must Use	**DTM05**	**624**	**Century**	**O N0 2/2**
			The first two characters in the designation of the year (CCYY)	
Not Used	**DTM06**	**1250**	**Date Time Period Format Qualifier**	**X ID 2/3**
			Code indicating the date format, time format, or date and time format	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	**DTM07**	**1251**	**Date Time Period**	**X AN 1/35**
			Expression of a date, a time, or range of dates, times or dates and times	

Segment:	**N1** Name
Position:	070
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*The N1 loop must be repeated twice. The N1 loop will be used to identify both the originator and receiver of the transaction.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N101	98	**Entity Identifier Code**	**M**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

Use to indicate the originator (PR) or the receiver (PE) of the transaction.

PE	Payee	
PR	Payer	

	Ref. Des.	Data Element	Name	Attributes	
	N102	93	**Name**	**X**	**AN 1/35**

Free-form name

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N103	66	**Identification Code Qualifier**	**X**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

ZZ	Mutually Defined

Use to indicate an Agency Location Code.

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N104	67	**Identification Code**	**X**	**AN 2/20**

Code identifying a party or other code

Use to indicate the 8 digit Agency Location Code assigned by Treasury.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	N105	706	**Entity Relationship Code**	**O**	**ID 2/2**

Code describing entity relationship

Refer to 003050 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	N106	98	**Entity Identifier Code**	**O**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**REF** Reference Numbers
Position:	110
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*1. This segment is used to indicate the IPAC Disbursing Office (DO) symbol number.*
	2. This segment must be used when the N101 code is PR.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**REF01**	**128**	**Reference Number Qualifier**	**M ID 2/2**
			Code qualifying the Reference Number.	
			DX Department/Agency Number	
			Indicates the IPAC Disbursing Office symbol number.	
Must Use	**REF02**	**127**	**Reference Number**	**X AN 1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			Use to indicate the IPAC DO symbol of the originator of the 820 transaction set.	
Not Used	**REF03**	**352**	**Description**	**X AN 1/80**
			A free-form description to clarify the related data elements and their content	

Segment:		**PER** Administrative Communications Contact		
Position:	120			
Loop:	N1	Optional (Must Use)		
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:	To identify a person or office to whom administrative communications should be directed			
Syntax Notes:	1	If either PER03 or PER04 is present, then the other is required.		
	2	If either PER05 or PER06 is present, then the other is required.		
	3	If either PER07 or PER08 is present, then the other is required.		
Semantic Notes:				
Comments:				
Notes:	*This segment must be used when the N101 code is PR.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	PER01	366	**Contact Function Code**	M	ID 2/2

Code identifying the major duty or responsibility of the person or group named

Use to indicate either the accounting department contact or another information contact.

AD		Accounting Department
IC		Information Contact

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER02	93	**Name**	O	AN 1/35

Free-form name

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER03	365	**Communication Number Qualifier**	X	ID 2/2

Code identifying the type of communication number

TE	Telephone

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER04	364	**Communication Number**	X	AN 1/80

Complete communications number including country or area code when applicable

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER05	365	**Communication Number Qualifier**	X	ID 2/2

Code identifying the type of communication number

EM	Electronic Mail

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER06	364	**Communication Number**	X	AN 1/80

Complete communications number including country or area code when applicable

	Ref. Des.	Data Element	Name	Attributes	
	PER07	365	**Communication Number Qualifier**	X	ID 2/2

Code identifying the type of communication number

Use to indicate communication numbers. Choose only from the following codes.

	AU	Defense Switched Network
	FT	Federal Telecommunications System (FTS)
	FX	Facsimile
	IT	International Telephone
	PS	Packet Switching
	TE	Telephone
	TL	Telex
	TM	Telemail
	TX	TWX

	PER08	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

Not Used	**PER09**	**443**	**Contact Inquiry Reference**	**O**	**AN 1/20**

Additional reference number or description to clarify a contact number

Segment:	**ENT** Entity	
Position:	010	
Loop:	ENT	Optional (Must Use)
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To designate the entities which are parties to a transaction and specify a reference meaningful to those entities	
Syntax Notes:	1	If any of ENT02 ENT03 or ENT04 is present, then all are required.
	2	If any of ENT05 ENT06 or ENT07 is present, then all are required.
	3	If either ENT08 or ENT09 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:
		(1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).
		(2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.
		(3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.
		(4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.
		This segment also allows for the transmission of a unique reference number that is meaningful between the entities.
Notes:		*The ENT segment is required for IPAC processing.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	ENT01	554	**Assigned Number**	O	N0 1/6
			Number assigned for differentiation within a transaction set		
Not Used	ENT02	98	**Entity Identifier Code**	X	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	ENT03	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	ENT04	67	**Identification Code**	X	AN 2/20

Code identifying a party or other code

Not Used	ENT05	98	**Entity Identifier Code**	X	ID 2/2

Code identifying an organizational entity, a physical location, or an individual

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	ENT06	66	**Identification Code Qualifier**	X	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	ENT07	67	**Identification Code**	X	AN 2/20

Code identifying a party or other code

Not Used	ENT08	128	**Reference Number Qualifier**	X	ID 2/2

Code qualifying the Reference Number.

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	ENT09	127	**Reference Number**	X	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Segment:	**RMR** Remittance Advice Accounts Receivable Open Item Reference	
Position:	150	
Loop:	RMR Optional (Must Use)	
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail	
Syntax Notes:	1	If either RMR01 or RMR02 is present, then the other is required.
Semantic Notes:	1	If RMR03 is present, it specifies how the cash is to be applied.
	2	RMR04 is the amount paid.
	3	RMR05 is the amount of invoice (including charges, less allowance) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.
	4	RMR06 is the amount of discount taken which may be less than or equal to the amount of discount permitted.
Comments:	1	Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication.
	2	If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.
	3	RMR05 may be needed by some payees to distinguish between duplicate reference numbers.
Notes:	*1. Trading partners using Table 2 should make every attempt to pass Agency detail data in the RMR loop.*	
	2. The RMR segment is required for IPAC processing.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	RMR01	128	**Reference Number Qualifier**	X ID 2/2

Code qualifying the Reference Number.

1. The original invoice number would normally be used in the RMR segment.

2. Any code may be used. The listed codes are samples only. Additional codes are shown in the 2/REF/170.

1J-Facility ID Number
  Use to indicate the receiver's fiscal station number.
AX-Government Accounting Class Reference Number (ACRN)
BC-Buyer's Contract Number
C7-Contract Line Item Number
CT-Contract Number
JB- Job (Project) Number
OI-Original Invoice Number

> *PO-Purchase Order Number*
> *RQ-Purchase Requisition Number*
> *ZZ-Mutually Defined*

Refer to 003050 Data Element Dictionary for acceptable code values.

Must Use	RMR02	127	**Reference Number**	X	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

> *Use to indicate the following numbers:*
>
> *Contract Line Item - Maximum 6 positions*
> *Fiscal Station Number - Maximum 8 positions*
> *Invoice Number - Maximum 22 positions*
> *JAS - Maximum 30 positions*
> *Purchase Order - Maximum 22 positions*
> *Requisition Number - Maximum 15 positions*

Must Use	RMR03	482	**Payment Action Code**	O	**ID 2/2**

Code specifying the type of accounts receivable open item(s) to be included in a cash application.

	FL	Final
	PP	Partial Payment

	RMR04	782	**Monetary Amount**	O	**R 1/15**

Monetary amount

> *1. Use to indicate the Net payment (the total value for all amounts in RMR04s should equal the value in BPR02).*
>
> *2. The RMR04 amount includes the amounts detailed in segment 2/SAC/202.*

Not Used	RMR05	782	**Monetary Amount**	O	**R 1/15**

Monetary amount

Not Used	RMR06	782	**Monetary Amount**	O	**R 1/15**

Monetary amount

Segment:		**REF** Reference Numbers	
Position:	170		
Loop:	RMR	Optional (Must Use)	
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify identifying numbers.		
Syntax Notes:	1	At least one of REF02 or REF03 is required.	
Semantic Notes:			
Comments:			
Notes:	*1. The sender's Treasury Account Symbol (TAS) is required for IPAC processing.*		
	2. Code 8M in REF01 must be used to pass the sender's TAS in REF02.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**REF01**	**128**	**Reference Number Qualifier**	**M ID 2/2**

Code qualifying the Reference Number.

1. Use code "ZZ" when the REF02 is not used and comments are passed in REF03.

2. Use code "S0" when REF02 is not used and miscellaneous information is passed in REF03.

3. Any code may be used. The listed codes are samples only.

1Z-Financial Detail Code
* Use to indicate the Department of Defense Accounting Code (DODAC).*
2I-Tracking Number
* Use to indicate the Accounting Control Transaction (ACT) trace number.*
8M-Originating Company Identifier
* Use to indicate the sender's Treasury Account Symbol.*
8N-Receiving Company
* Use to indicate the receiver's Treasury Account Symbol.*
AX-Government Accounting Class Reference Number (ACRN)
BC-Buyer's Contract Number
C7-Contract Line Item Number
CT-Contract Number
DP-Department Number
* Use to indicate the receiver's 2 digit department code.*
EH-Financial Classification Code
* Use to indicate the ACL/CD.*
JB- Job (Project) Number

OI-Original Invoice Number
PO-Purchase Order Number
S0-Special Approval
   Use to indicate miscellaneous information.
ZZ-Mutually Defined
   Use to indicate transaction description.

Refer to 003050 Data Element Dictionary for acceptable code values.

| Must Use | REF02 | 127 | Reference Number | X AN 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Use to indicate the following numbers:

ACT Trace Number - Maximum 16 positions
Contract Line Item - Maximum 6 positions
Department Number - Maximum 2 positions
DODAC - Maximum 15 positions
Fiscal Station Number - Maximum 8 positions
Invoice Number - Maximum 22 positions
JAS - Maximum 30 positions
Purchase Order Number - Maximum 22 positions
Requisition Number - Maximum 15 positions
Sender/Receiver Treasury Account Symbol - Maximum 21 positions

| | REF03 | 352 | Description | X AN 1/80 |

A free-form description to clarify the related data elements and their content

Use this data element to report transaction description information when REF01 = ZZ or miscellaneous information when REF01 = S0.

Segment:	**DTM** Date/Time Reference	
Position:	180	
Loop:	RMR	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM06 is required.
	2	If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:	*Use 2/REF03/170 to provide as comments.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	DTM02	373	**Date**	X	DT 6/6
			Date (YYMMDD)		
	DTM03	337	**Time**	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	**Time Code**	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Must Use	DTM05	624	**Century**	O	N0 2/2
			The first two characters in the designation of the year (CCYY)		
Not Used	DTM06	1250	**Date Time Period Format Qualifier**	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	DTM07	1251	**Date Time Period**	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment:	**IT1** Baseline Item Data (Invoice)	
Position:	190	
Loop:	IT1	Optional (Must Use)
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions	

Syntax Notes:	1	If any of IT102 IT103 or IT104 is present, then all are required.
	2	If either IT106 or IT107 is present, then the other is required.
	3	If either IT108 or IT109 is present, then the other is required.
	4	If either IT110 or IT111 is present, then the other is required.
	5	If either IT112 or IT113 is present, then the other is required.
	6	If either IT114 or IT115 is present, then the other is required.
	7	If either IT116 or IT117 is present, then the other is required.
	8	If either IT118 or IT119 is present, then the other is required.
	9	If either IT120 or IT121 is present, then the other is required.
	10	If either IT122 or IT123 is present, then the other is required.
	11	If either IT124 or IT125 is present, then the other is required.
Semantic Notes:	1	IT101 is the purchase order line item identification.
Comments:	1	Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.
	2	IT106 through IT125 provides for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:	*The IT1 segment is required for IPAC processing.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	IT101	**350**	**Assigned Identification**	**O**	**AN 1/11**
			Alphanumeric characters assigned for differentiation within a transaction set		
			If multiple IT1 loops are present, it is recommended that IT101 be used to identify individual loops.		
Must Use	**IT102**	**358**	**Quantity Invoiced**	**X**	**R 1/10**
			Number of units invoiced (supplier units)		
Must Use	**IT103**	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Any code may be used. The listed codes are samples only.		
			BX Box		
			EA Each		
			EX Feet, Inches and Fraction		

			TN Net Ton (2,000 LB)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Must Use	IT104	212	**Unit Price**	X	R 1/17
			Price per unit of product, service, commodity, etc.		
	IT105	639	**Basis of Unit Price Code**	O	ID 2/2
			Code identifying the type of unit price for an item		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	IT106	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	IT107	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
	IT108	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	IT109	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
	IT110	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	IT111	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
	IT112	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	IT113	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
	IT114	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	IT115	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
	IT116	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

IT117	**234**	**Product/Service ID**		**X**	**AN 1/40**

Identifying number for a product or service

IT118	**235**	**Product/Service ID Qualifier**		**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

IT119	**234**	**Product/Service ID**		**X**	**AN 1/40**

Identifying number for a product or service

IT120	**235**	**Product/Service ID Qualifier**		**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

IT121	**234**	**Product/Service ID**		**X**	**AN 1/40**

Identifying number for a product or service

IT122	**235**	**Product/Service ID Qualifier**		**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

IT123	**234**	**Product/Service ID**		**X**	**AN 1/40**

Identifying number for a product or service

IT124	**235**	**Product/Service ID Qualifier**		**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

IT125	**234**	**Product/Service ID**		**X**	**AN 1/40**

Identifying number for a product or service

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information
Position:	202
Loop:	SAC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1. At least one of SAC02 or SAC03 is required.
2. If either SAC03 or SAC04 is present, then the other is required.
3. If either SAC06 or SAC07 is present, then the other is required.
4. If either SAC09 or SAC10 is present, then the other is required.
5. If SAC11 is present, then SAC10 is required.
6. If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. If SAC14 is present, then SAC13 is required.

Semantic Notes:
1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
   SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:
1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SAC01	248	**Allowance or Charge Indicator**	M ID 1/1

Code which indicates an allowance or charge for the service specified

Choose one of the following codes.

A	Allowance
C	Charge
N	No Allowance or Charge

			R	Allowance Request		
Must Use	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**		X	ID 4/4

Code identifying the service, promotion, allowance, or charge

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	**Agency Qualifier Code**	X	ID 2/2

Code identifying the agency assigning the code values

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	AN 1/10

Agency maintained code identifying the service, promotion, allowance, or charge

	SAC05	610	**Amount**	O	N2 1/15

Monetary amount

Not Used	SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID 1/1

Code indicating on what basis allowance or charge percent is calculated

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC07	332	**Percent**	X	R 1/6

Percent expressed as a percent

Not Used	SAC08	118	**Rate**	O	R 1/9

Rate expressed in the standard monetary denomination for the currency specified

Not Used	SAC09	355	**Unit or Basis for Measurement Code**	X	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC10	380	**Quantity**	X	R 1/15

Numeric value of quantity

Not Used	SAC11	380	**Quantity**	O	R 1/15

Numeric value of quantity

Not Used	SAC12	331	**Allowance or Charge Method of Handling Code**	O	ID 2/2

Code indicating method of handling for an allowance or charge

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC13	127	**Reference Number**	X	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Not Used	SAC14	770	**Option Number**	O	AN 1/20

A unique number identifying available promotion or allowance options when more than one is offered

Not Used	SAC15	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**SLN** Subline Item Detail		
Position:	204		
Loop:	SLN	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify product subline detail item data		

Syntax Notes:

1 If SLN07 is present, then SLN06 is required.
2 If SLN08 is present, then SLN06 is required.
3 If either SLN09 or SLN10 is present, then the other is required.
4 If either SLN11 or SLN12 is present, then the other is required.
5 If either SLN13 or SLN14 is present, then the other is required.
6 If either SLN15 or SLN16 is present, then the other is required.
7 If either SLN17 or SLN18 is present, then the other is required.
8 If either SLN19 or SLN20 is present, then the other is required.
9 If either SLN21 or SLN22 is present, then the other is required.
10 If either SLN23 or SLN24 is present, then the other is required.
11 If either SLN25 or SLN26 is present, then the other is required.
12 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes:

1 SLN01 is the identifying number for the subline item.
2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

1 See the Data Dictionary for a complete list of ID's.
2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3 SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes: *Use to fulfill X12 syntax requirements.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**SLN01**	350	**Assigned Identification**	**M AN 1/11**
			Alphanumeric characters assigned for differentiation within a transaction set	
Not Used	**SLN02**	350	**Assigned Identification**	**O AN 1/11**
			Alphanumeric characters assigned for differentiation within a transaction set	
M	**SLN03**	662	**Relationship Code**	**M ID 1/1**
			Code indicating the relationship between entities	

			I	Included		
			Use to fulfill X12 syntax requirements.			
M	SLN04	380	**Quantity**		M	R 1/15
			Numeric value of quantity			
			Use a quantity of "1" to fulfill X12 syntax requirements.			
M	SLN05	355	**Unit or Basis for Measurement Code**		M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			ZZ	Mutually Defined		
			Use to fulfill X12 syntax requirements.			
Not Used	SLN06	212	**Unit Price**		X	R 1/17
			Price per unit of product, service, commodity, etc.			
Not Used	SLN07	639	**Basis of Unit Price Code**		O	ID 2/2
			Code identifying the type of unit price for an item			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN08	662	**Relationship Code**		O	ID 1/1
			Code indicating the relationship between entities			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN09	235	**Product/Service ID Qualifier**		X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN10	234	**Product/Service ID**		X	AN 1/40
			Identifying number for a product or service			
Not Used	SLN11	235	**Product/Service ID Qualifier**		X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN12	234	**Product/Service ID**		X	AN 1/40
			Identifying number for a product or service			
Not Used	SLN13	235	**Product/Service ID Qualifier**		X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN14	234	**Product/Service ID**		X	AN 1/40
			Identifying number for a product or service			
Not Used	SLN15	235	**Product/Service ID Qualifier**		X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN16	234	**Product/Service ID**		X	AN 1/40

Identifying number for a product or service

Not Used	SLN17	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SLN18	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Not Used	SLN19	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SLN20	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Not Used	SLN21	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SLN22	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Not Used	SLN23	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SLN24	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Not Used	SLN25	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SLN26	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Not Used	SLN27	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SLN28	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Segment:		**SAC** Service, Promotion, Allowance, or Charge Information		
Position:		207		
Loop:		SAC	Optional	
Level:		Detail		
Usage:		Optional		
Max Use:		1		
Purpose:		To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge		
Syntax Notes:		1	At least one of SAC02 or SAC03 is required.	
		2	If either SAC03 or SAC04 is present, then the other is required.	
		3	If either SAC06 or SAC07 is present, then the other is required.	
		4	If either SAC09 or SAC10 is present, then the other is required.	
		5	If SAC11 is present, then SAC10 is required.	
		6	If SAC13 is present, then at least one of SAC02 or SAC04 is required.	
		7	If SAC14 is present, then SAC13 is required.	
Semantic Notes:		1	If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.	
		2	SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.	
		3	SAC08 is the allowance or charge rate per unit.	
		4	SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.	
		5	SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.	
		6	SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.	
Comments:		1	SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.	
		2	In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.	
Notes:		*Use this segment to pass Standard General Ledger (SGL) account information.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**SAC01**	**248**	**Allowance or Charge Indicator**	**M ID 1/1**
			Code which indicates an allowance or charge for the service specified	
			C Charge	
Not Used	**SAC02**	**1300**	**Service, Promotion, Allowance, or Charge Code**	**X ID 4/4**
			Code identifying the service, promotion, allowance, or charge	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Must Use	SAC03	559	**Agency Qualifier Code**	X	ID 2/2

Code identifying the agency assigning the code values

  FG   Federal Government

Must Use	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	AN 1/10

Agency maintained code identifying the service, promotion, allowance, or charge

Use code "C" to indicate Credit or code "D" to indicate Debit.

Must Use	SAC05	610	**Amount**	O	N2 1/15

Monetary amount

Not Used	SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID 1/1

Code indicating on what basis allowance or charge percent is calculated

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC07	332	**Percent**	X	R 1/6

Percent expressed as a percent

Not Used	SAC08	118	**Rate**	O	R 1/9

Rate expressed in the standard monetary denomination for the currency specified

Not Used	SAC09	355	**Unit or Basis for Measurement Code**	X	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC10	380	**Quantity**	X	R 1/15

Numeric value of quantity

Not Used	SAC11	380	**Quantity**	O	R 1/15

Numeric value of quantity

Not Used	SAC12	331	**Allowance or Charge Method of Handling Code**	O	ID 2/2

Code indicating method of handling for an allowance or charge

Refer to 003050 Data Element Dictionary for acceptable code values.

Must Use	SAC13	127	**Reference Number**	X	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Use this data element to provide the 4 digit Standard General Ledger account number.

Not Used	SAC14	770	**Option Number**	O	AN 1/20

A unique number identifying available promotion or allowance options when more than one is offered

Not Used	SAC15	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**ADX** Adjustment	
Position:	210	
Loop:	ADX	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos	
Syntax Notes:	**1** If either ADX03 or ADX04 is present, then the other is required.	
Semantic Notes:	**1** ADX01 specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.	
	2 ADX02 specifies the reason for claiming the adjustment.	
	3 ADX03 and ADX04 specify the identification of the adjustment.	
Comments:		
Notes:	*Do not use this segment for adjustments; refer to 2/SAC/202.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	ADX01	782	**Monetary Amount**	M	R 1/15
			Monetary amount		
M	ADX02	426	**Adjustment Reason Code**	M	ID 2/2
			Code indicating reason for credit memo, or adjustment to invoice, credit memo, or payment.		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	ADX03	128	**Reference Number Qualifier**	X	ID 2/2
			Code qualifying the Reference Number.		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	ADX04	127	**Reference Number**	X	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		

Segment:	**PER** Administrative Communications Contact
Position:	230
Loop:	ADX Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	PER01	366	**Contact Function Code**	M	ID 2/2

Code identifying the major duty or responsibility of the person or group named

Use to indicate either the accounting department contact or another information contact.

	AD	Accounting Department
	IC	Information Contact

Must Use	PER02	93	**Name**	O	AN 1/35

Free-form name

Must Use	PER03	365	**Communication Number Qualifier**	X	ID 2/2

Code identifying the type of communication number

	TE	Telephone

Must Use	PER04	364	**Communication Number**	X	AN 1/80

Complete communications number including country or area code when applicable

Not Used	PER05	365	**Communication Number Qualifier**	X	ID 2/2

Code identifying the type of communication number

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	PER06	364	**Communication Number**	X	AN 1/80

Complete communications number including country or area code when applicable

Not Used	PER07	365	**Communication Number Qualifier**	X	ID 2/2

Code identifying the type of communication number

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	PER08	364	**Communication Number**	X	AN 1/80

Complete communications number including country or area code when applicable

Not Used   PER09   443   Contact Inquiry Reference   O   AN 1/20

Additional reference number or description to clarify a contact number

	Segment:	**SE** **Transaction Set Trailer**
	Position:	010
	Loop:	
	Level:	Summary
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
	Syntax Notes:	
	Semantic Notes:	
	Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**SE01**	**96**	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
M	**SE02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Use to transmit the same unique control number assigned by the originator in ST02	